

| セッション名 | 登録ID | 演題番号 | 演題名 | 発表日 | セッション時間 | 会場名 |
|---|-------|----------|--|------------|-------------|------|
| Award Session | id034 | AS-BC-1 | CD163 ⁺ Macrophages Restrain Vascular Calcification, Promoting the Development of High-Risk Plaque | 12月17日 (土) | 17:00~18:00 | |
| | id047 | AS-BC-2 | Development of new agent for pulmonary vascular disease ~ A strategy targeting pathological high shear stress exerted on the pulmonary arteries ~ | | | |
| | id052 | AS-BC-3 | A Novel mouse model of aortic dissection caused by a point mutation in the hybrid domain of the fibrillin-1 gene | | | |
| | id013 | AS-BC-4 | Proximal Renal Tubule derived Semaphorin 3C Regulates Pathological Cardiac Hypertrophy in Cardio-Renal Syndrome | | | |
| | id042 | AS-BC-5 | Modeling SARS-CoV-2 spike receptor-binding domain-mediated inflammatory response using human induced pluripotent stem cell-derived cardiomyocytes | | | |
| Abstract Session Short presentation1 | id041 | O1-BC-1 | Physiological importance of ALK1 signaling for vascular formation in various organs of zebrafish embryos | 12月16日 (金) | 17:10~18:00 | |
| | id053 | O1-BC-2 | Relationship between miR206 secreted from growing skeletal muscle and angiogenic response in endothelial cells | | | |
| | id028 | O1-BC-3 | Endothelial-specific inactivation of non-nuclear estrogen receptor- α signaling impairs estrogen protection against vascular injury | | | |
| | id003 | O1-BC-4 | Reduced Proteolytic Cleavage of von Willebrand Factor Leads to Endothelial Thrombo-Inflammatory Activation and Plaque Progression after Myocardial Infarction | | | |
| | id045 | O1-BC-5 | Inhibition of MicroRNA-33b Specifically Ameliorates Abdominal Aortic Aneurysm Formation via Suppression of Inflammatory Pathways | | | |
| | id022 | O1-BC-6 | Gut Microbiota Influence the Development of Abdominal Aortic Aneurysm by Suppressing Macrophage Accumulation | | | |
| | id055 | O1-BC-7 | Single cell analysis on the transitional state from <i>Mesp1</i> -expressing cardiac mesoderm cells to cardiac progenitor cells during heart development | | | |
| | id001 | O1-BC-8 | Generation of mature compact ventricular cardiomyocytes from human pluripotent stem cells | | | |
| | id049 | O1-BC-9 | Production of Mature Engineered Heart Tissues with Heart-derived Collagen | | | |
| Abstract Session Short presentation2 | id015 | O2-BC-1 | A Pacing-Controlled Protocol for Frequency-Diastolic Relations Distinguishes Diastolic Dysfunction Specific to A Mouse HFpEF Model | 12月17日 (土) | 14:00~14:50 | 第2会場 |
| | id002 | O2-BC-2 | Overexpression of vascular G protein-coupled receptor kinase 2 (GRK2) leads to uncontrolled hypertension and acute heart failure as in Clinical Scenario 1 | | | |
| | id019 | O2-BC-3 | Dantrolene improves diastolic property of left ventricle in mineralocorticoid-induced hypertensive rats | | | |
| | id027 | O2-BC-4 | RyR2-targeting therapy prevents ventricular tachycardia and left ventricular remodeling after myocardial infarction | | | |
| | id050 | O2-BC-5 | Systemic administration of Empagliflozin Decreases Myocardial Interstitial Myoglobin Levels in Ischemia/Reperfusion Rats | | | |
| | id040 | O2-BC-6 | Expression of Angiotensin-like 4 (ANGPTL4) in Epicardial Adipose Tissue Is Increased in Patients with Coronary Artery Disease | | | |
| | id010 | O2-BC-7 | Mechanistic insight of SGLT2 inhibitors on epicardial adipose tissue | | | |
| | id020 | O2-BC-8 | SGLT2 inhibitor Empagliflozin protects against heart failure through inhibition of inflammatory responses mediated by bone marrow-derived immune cells in mice | | | |
| | id009 | O2-BC-9 | DNA damage predicts therapeutic prognosis in heart failure with reduced ejection fraction of various underlying diseases | | | |
| Abstract Session Short presentation3 | id007 | O3-BC-1 | Treatment with atrial natriuretic peptide ameliorates myocardial insulin resistance and protects against ischemia-reperfusion injury in diet-induced obesity | 12月17日 (土) | 15:00~15:50 | |
| | id021 | O3-BC-2 | cFOS/cJUN mediated signaling in brown adipose tissue promotes pathologies in HFpEF and NASH | | | |
| | id006 | O3-BC-3 | A Kinome-wide CRISPR Screening identifies TAOK1 as a Potential Therapeutic Target for Doxorubicin-induced Cardiotoxicity | | | |
| | id036 | O3-BC-4 | Nobiletin, a polymethoxy flavonoid, inhibits doxorubicin-induced myocardial damage | | | |
| | id039 | O3-BC-5 | Aging is associated with decreased chemokine expression in cardiac tissue macrophages | | | |
| | id025 | O3-BC-6 | Depressive stress induces heart failure through hematopoietic system | | | |
| | id012 | O3-BC-7 | Myonectin protects against age-related muscle atrophy by modulating mitochondrial function | | | |
| | id029 | O3-BC-8 | Inhibition of N-terminal acetyltransferase C prevents muscle atrophy in cancer cachexia | | | |
| | id030 | O3-BC-9 | Nerve Growth Factor/Tropomyosin Receptor Kinase A signaling pathway plays a vital role in breast cancer progression after myocardial infarction | | | |
| Abstract Session Short presentation4 | id018 | O4-BC-1 | Myofilament protein post-translational modifications may underlie right ventricular dysfunction in pulmonary hypertension | 12月17日 (土) | 16:00~16:50 | |
| | id026 | O4-BC-2 | Higher-order structure of genome plays an important role in maintaining nuclear homeostasis of cardiomyocytes | | | |
| | id024 | O4-BC-3 | Multimerization of GATA4 is required for hypertrophic responses in cultured cardiomyocytes | | | |
| | id038 | O4-BC-4 | The p300 Histone Acetyltransferase Inhibitor A485 Prevents Pressure Overload-induced Cardiac Dysfunction | | | |
| | id004 | O4-BC-5 | The Curcumin Analogue GO-Y022 Improves Pressure Overload-induced Systolic Dysfunction | | | |
| | id037 | O4-BC-6 | Cardiomyocyte hypertrophy is regulated by p300 binding protein 1, a novel binding protein | | | |
| | id023 | O4-BC-7 | Soy protein β -conglycinin Attenuates Cardiac Hypertrophy and Heart Failure by Regulation of Gut Microbiota | | | |
| | id014 | O4-BC-8 | Lipin1 prevents ischemic heart disease by regulating lipid homeostasis | | | |
| | id032 | O4-BC-9 | Progranulin deficiency promotes adverse cardiac remodeling after myocardial infarction | | | |
| | id005 | O4-BC-10 | Cardioprotective peptide GJA1-20k activates mitochondria to protect against ischemia-reperfusion injury | | | |